



NOTES

1. OPERATION WAVELENGTH: 450 nm–20.0 μm
2. DIAMETER TOLERANCE: +0.0/–0.1 mm
3. THICKNESS TOLERANCE: ± 0.25 mm
4. COATING(S1): AG
 $R_{\text{avg}} > 96\% @ 480\text{ nm} - 2000\text{ nm}, 0^\circ - 45^\circ \text{ AOI}$
 $R_{\text{avg}} > 97.5\% @ 2.0\ \mu\text{m} - 20.0\ \mu\text{m}, 0^\circ - 45^\circ \text{ AOI}$
5. CLEAR APERTURE(S1): $> 90\% \text{ CA}$
6. SURFACE QUALITY(S1): 40/20(S/D)
7. SURFACE FLATNESS(S1): $\lambda / 10 @ 633\text{ nm}$
8. CHAMFER: $< 0.2\text{ mm}, 45^\circ$
9. BACK SURFACE(S2): FINE GROUND

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|--|--------|--------------|---------------------------|--------|-------|-----|
| DRAWING PROJECTION | | | LBTEK | | | |
| | NAME | DATE | | | | |
| DRAWN | SHAN | JAN./20th/25 | METAL–COATED PLANO MIRROR | | | |
| APPROVAL | WCHENG | JAN./20th/25 | MATERIAL | WEIGHT | SCALE | REV |
| FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES | | | Borofloat | 6.8 g | 5:1 | C |